

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

CByJ.B6-Tg(UBC-GFP)30Scha H2^b/J

RRID:IMSR_JAX:007076

Type: Organism

Proper Citation

RRID:IMSR_JAX:007076

Organism Information

URL: <https://www.jax.org/strain/007076>

Proper Citation: RRID:IMSR_JAX:007076

Description: Mus musculus with name CByJ.B6-Tg(UBC-GFP)30Scha H2^b/J from IMSR.

Species: Mus musculus

Synonyms: CByJ.B6-Tg(UBC-GFP)30Scha/J

Notes: gene symbol note: histocompatibility-2; MHC|transgene insertion 30; Brian Schaefer|ubiquitin C|; mutant strain|congenic strain: H2|Tg(UBC-GFP)30Scha|UBC|

Affected Gene: histocompatibility-2; MHC|transgene insertion 30; Brian Schaefer|ubiquitin C|

Genomic Alteration: b variant|transgene insertion 30; Brian Schaefer

Catalog Number: JAX:007076

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: CByJ.B6-Tg(UBC-GFP)30Scha H2^b/J

Record Creation Time: 20250513T053701+0000

Record Last Update: 20260912T060446+0000

Ratings and Alerts

No rating or validation information has been found for CByJ.B6-Tg(UBC-GFP)30Scha H2^b/J.

No alerts have been found for CByJ.B6-Tg(UBC-GFP)30Scha H2^b/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Watanuki S, et al. (2024) SDHAF1 confers metabolic resilience to aging hematopoietic stem cells by promoting mitochondrial ATP production. *Cell stem cell*, 31(8), 1145.

Watanuki S, et al. (2024) Context-dependent modification of PFKFB3 in hematopoietic stem cells promotes anaerobic glycolysis and ensures stress hematopoiesis. *eLife*, 12.

Wong HS, et al. (2021) A local regulatory T cell feedback circuit maintains immune homeostasis by pruning self-activated T cells. *Cell*, 184(15), 3981.

Han KH, et al. (2020) Agonist Antibody Converts Stem Cells into Migrating Brown Adipocyte-Like Cells in Heart. *Cells*, 9(1).

Chaney KE, et al. (2020) Cdkn2a Loss in a Model of Neurofibroma Demonstrates Stepwise Tumor Progression to Atypical Neurofibroma and MPNST. *Cancer research*, 80(21), 4720.

Shah NJ, et al. (2019) An injectable bone marrow-like scaffold enhances T cell immunity after hematopoietic stem cell transplantation. *Nature biotechnology*, 37(3), 293.

Lindel F, et al. (2019) TraFo-CRISPR: Enhanced Genome Engineering by Transient Foamy Virus Vector-Mediated Delivery of CRISPR/Cas9 Components. *Molecular therapy. Nucleic acids*, 18, 708.

Anzai A, et al. (2019) Self-reactive CD4⁺ IL-3⁺ T cells amplify autoimmune inflammation in myocarditis by inciting monocyte chemotaxis. *The Journal of experimental medicine*, 216(2), 369.

Parada-Kusz M, et al. (2018) Generation of mouse-zebrafish hematopoietic tissue chimeric embryos for hematopoiesis and host-pathogen interaction studies. *Disease models & mechanisms*, 11(11).

Badano MN, et al. (2013) B-cell lymphopoiesis is regulated by cathepsin L. *PloS one*, 8(4), e61347.

Kilarski WW, et al. (2013) Intravital immunofluorescence for visualizing the microcirculatory and immune microenvironments in the mouse ear dermis. PloS one, 8(2), e57135.